



S.A.P.I.C.I. Spa
 20063 Cernusco sul Naviglio (MI)
 Via Bergamo, 2
 Tel. +39 02 921871
 Fax +39 02 92141949
 www.sapici.it

TECHNICAL DATA SHEET

Date of issue: 01/12/07
 Date last review: 19/05/11
 Edition N°: 1
 Page: 1 di 2

UCOPOL M 34/60 MPAX LV

Type of polymer:	Moisture curing aromatic prepolymer.																																											
Range of use:	UCOPOL M 34/60 MPAX LV is recommended for the formulation of coating with high abrasion resistance as for wood flooring, or in functional coatings (antislip or waterproof), paints for plastics and paper.																																											
Specifications: (°) DATA SHOWN ON ANALYSIS CERTIFICATE	<p style="text-align: center;">UCOPOL M 34/60 MPAX LV</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>Appearance</td> <td>Clear</td> <td></td> </tr> <tr> <td>Colour (Gardner 1953)</td> <td>1 MAX</td> <td>(°)</td> </tr> <tr> <td>% Solid content</td> <td>60 ± 2</td> <td>(°)</td> </tr> <tr> <td>Solvent</td> <td>Methoxypropylacetate/Xilene (1:1)</td> <td></td> </tr> <tr> <td>Viscosity (23 °C mPa*s)</td> <td>1200 ± 400</td> <td>(°)</td> </tr> <tr> <td>Viscosity (Gardner 25 °C)</td> <td>R – W</td> <td>(°)</td> </tr> <tr> <td>Density at 20 °C</td> <td>1.09 g/cm3</td> <td></td> </tr> <tr> <td>Flash point (ISO 1523)</td> <td>28°C</td> <td></td> </tr> <tr> <td>Equivalent weight</td> <td>575</td> <td></td> </tr> <tr> <td>% NCO content</td> <td>7.3 ± 0.5</td> <td>(°)</td> </tr> <tr> <td>% Free TDI monomer</td> <td>< 0.3</td> <td>(°)</td> </tr> </table> <p style="text-align: center;">SOLUBILITY</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>KETONES</td> <td>Soluble</td> </tr> <tr> <td>ESTERS</td> <td>Soluble</td> </tr> <tr> <td>ESTERS OF GLICOETHERS</td> <td>Soluble</td> </tr> <tr> <td>AROMATIC</td> <td>Limited soluble</td> </tr> <tr> <td>ALIPHATICS</td> <td>Insoluble</td> </tr> </table> <p>It is inadvisable to use solvents containing reactive groups (alcohols, amines, etc.) as these react with UCOPOL M 34/60MPAX LV. Urethane grade solvents with a 0.05% peak humidity value should be used.</p>	Appearance	Clear		Colour (Gardner 1953)	1 MAX	(°)	% Solid content	60 ± 2	(°)	Solvent	Methoxypropylacetate/Xilene (1:1)		Viscosity (23 °C mPa*s)	1200 ± 400	(°)	Viscosity (Gardner 25 °C)	R – W	(°)	Density at 20 °C	1.09 g/cm3		Flash point (ISO 1523)	28°C		Equivalent weight	575		% NCO content	7.3 ± 0.5	(°)	% Free TDI monomer	< 0.3	(°)	KETONES	Soluble	ESTERS	Soluble	ESTERS OF GLICOETHERS	Soluble	AROMATIC	Limited soluble	ALIPHATICS	Insoluble
Appearance	Clear																																											
Colour (Gardner 1953)	1 MAX	(°)																																										
% Solid content	60 ± 2	(°)																																										
Solvent	Methoxypropylacetate/Xilene (1:1)																																											
Viscosity (23 °C mPa*s)	1200 ± 400	(°)																																										
Viscosity (Gardner 25 °C)	R – W	(°)																																										
Density at 20 °C	1.09 g/cm3																																											
Flash point (ISO 1523)	28°C																																											
Equivalent weight	575																																											
% NCO content	7.3 ± 0.5	(°)																																										
% Free TDI monomer	< 0.3	(°)																																										
KETONES	Soluble																																											
ESTERS	Soluble																																											
ESTERS OF GLICOETHERS	Soluble																																											
AROMATIC	Limited soluble																																											
ALIPHATICS	Insoluble																																											



S.A.P.I.C.I. Spa
20063 Cernusco sul Naviglio (MI)
Via Bergamo, 2
Tel. +39 02 921871
Fax +39 02 92141949
www.sapici.it

TECHNICAL DATA SHEET

Date of issue: 01/12/07
Date last review: 19/05/11
Edition N°: 1
Page: 2 di 2

UCOPOL M 34/60 MPAX LV

<p>Properties and application:</p>	<p>UCOPOL M 34/60 MPAX LV is an aromatic moisture curing resin performed by fast curing and with excellent hardness and abrasion resistance; by these the resin is recommended for a wide range of applications.</p> <p>UCOPOL M 34/60 MPAX LV resistance to chemical agents as alkali and detergent is similar to 2K systems.</p> <p>With 60-70% of relative humidity and at 20-25°C of temperature, UCOPOL M 34/60 MPAX LV is completely dried, and then overcoatable, less than 2 hours.</p> <p>UCOPOL M 34/60 MPAX LV, for its viscosity, makes easier and cheaper the application than UCOPOL M 33/60 MPAX.</p> <p>It is recommended to coat wooden floor, concrete floor, plastics and paper.</p> <p>If 24 hours elapse after the coating application, UCOPOL M 34/60 MPAX LV and all other UCOPOL M products need to be sanded when we have to apply one more layer.</p> <p>UCOPOL M 34/60 MPAX LV is highly compatible with all the others UCOPOL M range. It is also compatible with all REXIN range, with nitrocellulose and vinyl copolymers; taking in consideration that the above alkyd resins contain OH groups, UCOPOL M 34/60 MPAX LV should be used as hardener for 2K systems.</p> <p>Due to the wide range of combinations, it is advisable to check the compatibility in lab tests.</p>
<p>Storage and warranty:</p>	<p>In sealed drums we guarantee a storage life of 6 months, provided that UCOPOL M 34/60 MPAX LV is stored under dry cool condition.</p> <p>Once opened the product should be used rapidly, because, like all isocyanates, it is sensible to moisture.</p>

The technical information provided in this sheet or given in oral or written form is based on our best knowledge and experience. These data, even technical and safety ones, are only suggestions, so they don't have to be considered as binding. The customer must test our products, technical assistance and information, to define to its satisfaction whether they are suitable for the intended use and application. The use, manufacture and the application conditions of our products are carried out beyond our control so they are under customer's responsibility. Sapici SpA guarantees the constant quality of the product, sales and delivery conditions.